

# Australia's Standby Policy

ACEEE Summer Study, 2002

# Nationwide adoption of 'one-watt' goal

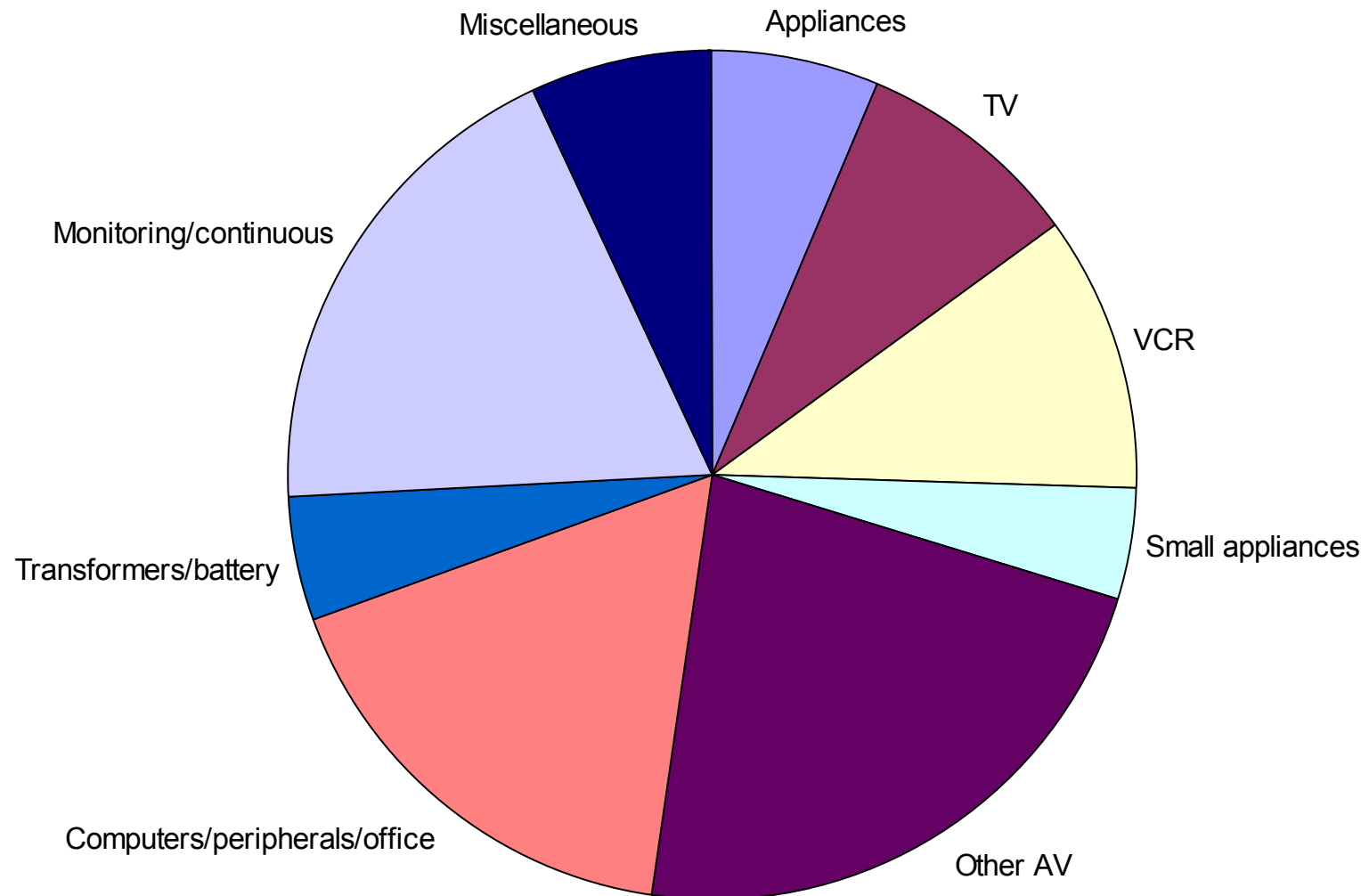
The first action came in August 2000,  
when all Australian jurisdictions agreed  
to:

“...pursue efficiencies in standby power  
consumption of energy-consuming  
products, through support for the  
International Energy Agency's One –Watt  
program, and endorse its incorporation into  
the...program of work.”

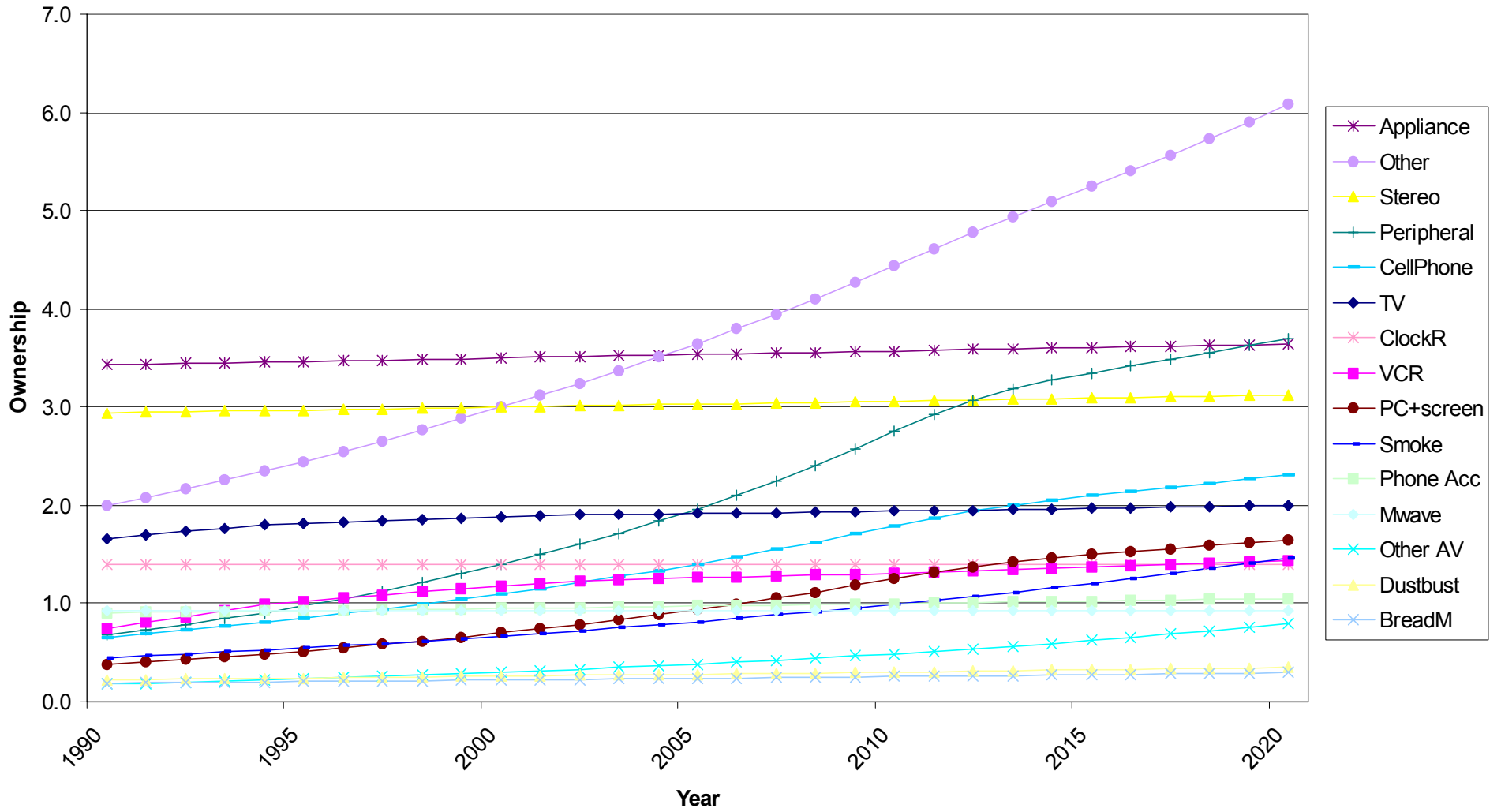
# The size of the problem

- Survey of 61 houses in 2000 – measurements on 2500 products
- Estimated total standby of around 90W
- Includes small continuous loads
- Around 25 product per house use some power in lowest mode, wide range of product types
- Estimated growth of 7% per annum!!

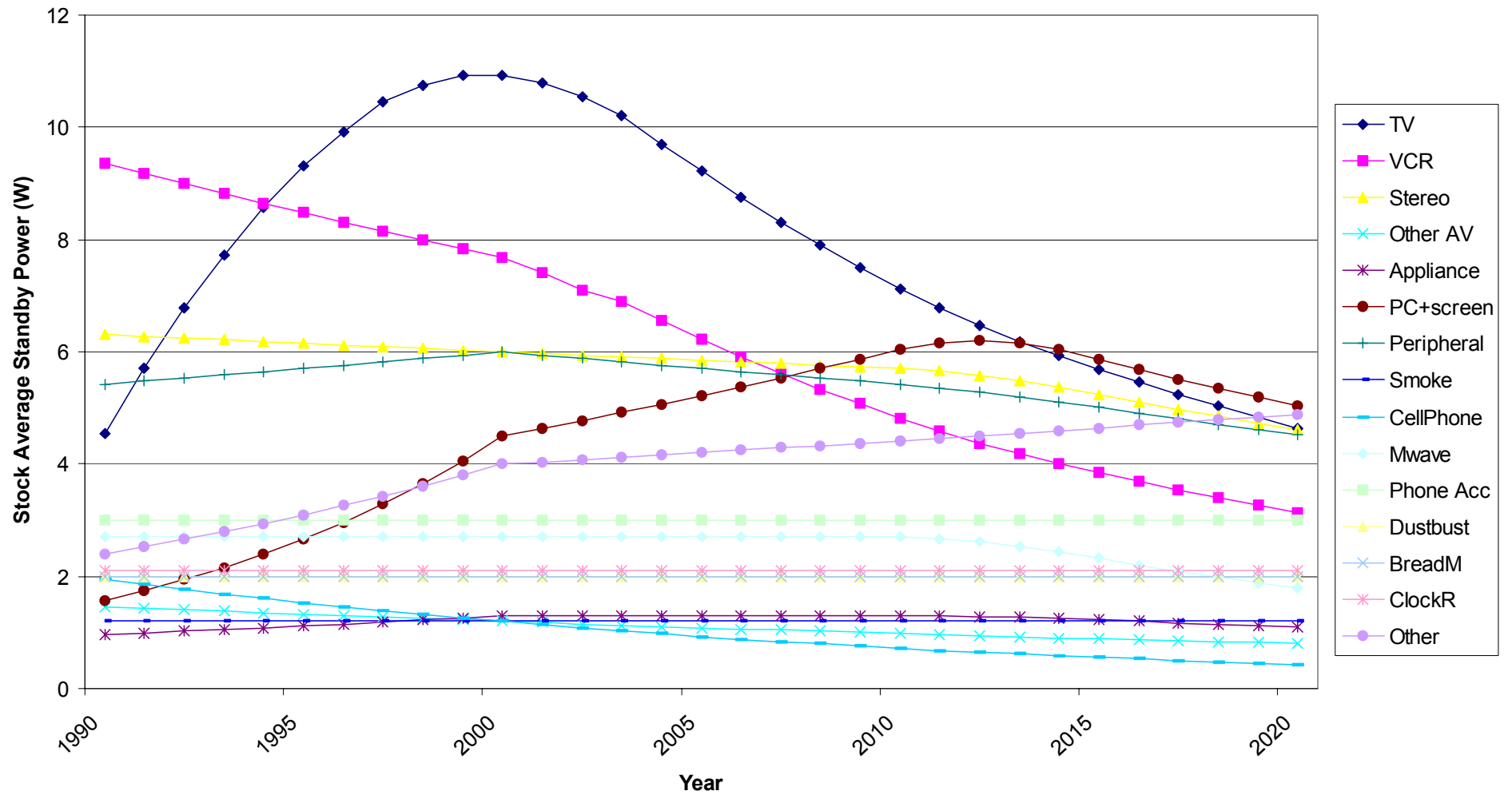
## Residential Standby Composition - Australia



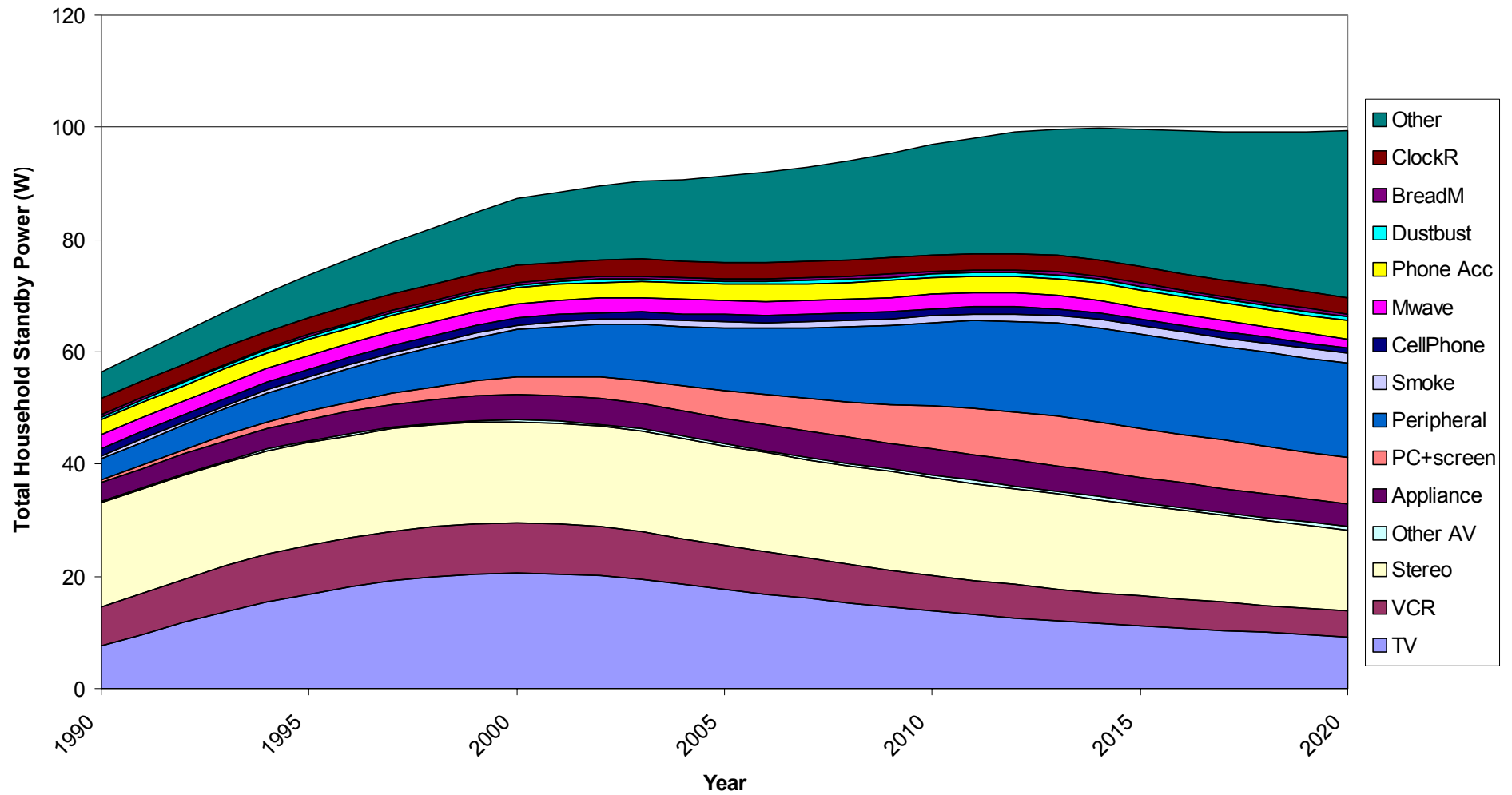
Ownership Trends - Residential products with standby



### Standby Power Profile by Product - Base Case



Household Standby Power - Base Case



# Developing a National Strategy

- A national strategy is being developed to realise the ‘one-watt’ goal by 2012
- Maintains existing measures and incorporates new ones
- Product specific plans will be developed to deal with individual problem product types
- Developed against backdrop of international action



# Developing a National Strategy cont'd

Defining a national strategy fulfils three objectives:

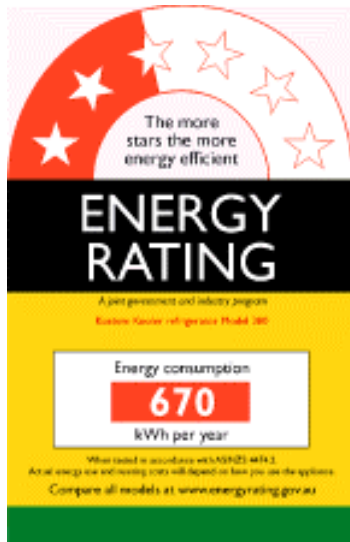
- Ensuring that Australia significantly reduces standby energy consumption, and thus greenhouse gas emissions, within a set time frame
- Giving certainty and advance notice to industry
- Ensuring that consumers do not bear unnecessary costs of excessive standby energy use

# Measures



## Existing

- EnergyStar
- Energy Rating Label
- Annual in-store survey



## Proposed (voluntary)

- Industry code of conduct
- Australian Standard
- Publication of standby statistics

## Proposed (mandatory)

- Warning label
- Minimum performance standards

# More information

Australia has released a discussion paper entitled:

- *Standby Power Consumption*
  - *A long-term strategy to achieve Australia's One-Watt Goal 2002 to 2012*
  - **Can be found online at:**  
[www.greenhouse.gov.au/energyefficiency/appliances/naecec/standby/discussion-july02.html](http://www.greenhouse.gov.au/energyefficiency/appliances/naecec/standby/discussion-july02.html)
  - Also [www.energyefficient.com.au](http://www.energyefficient.com.au)

